First and Final

DOR ⇒ 21.12.18

M.A.R. 57 (Rule 116)

Measurement Book

190107

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....M. Lalkappa.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work: Modified estimate for Repairs to chain link fencing and SSM wall at Shooting building Road in Mallasandra ward no: 13 Shettihalli Sub division						
	Estimate cost Rs						
	JOB code NO: 013-18-000077						
	AS NO: → BBMP/EE/PD/AS/34/IT-18						
	TS NO: → BBMP/CE/DZ/TS/08/18-19 26/12/2018						
	W.O.NO: → BBMP/EE/PD/W.O/0038/IT-18 dated 28-2-2018						

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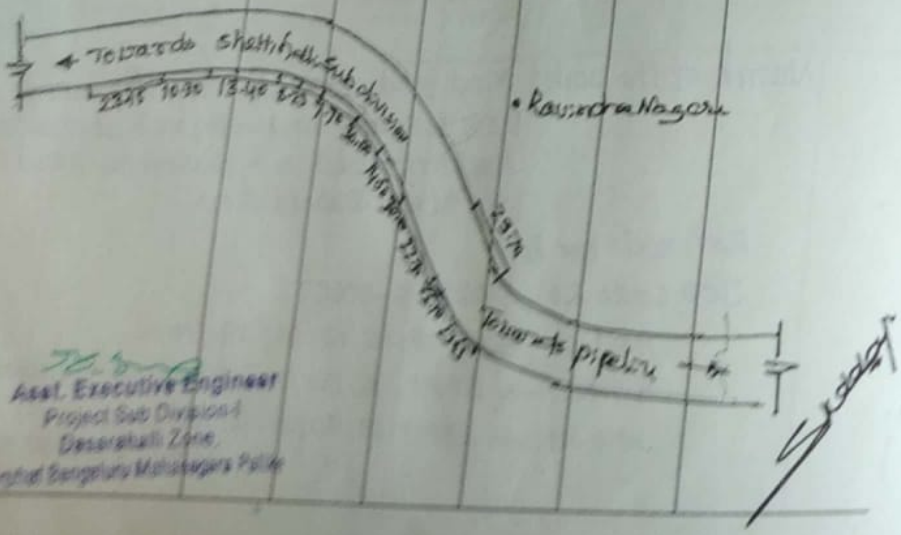
MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							NIL



Asst. Executive Engineer
Project Sub Division-I
Devarabeli Zone,
Bruhat Bengaluru Mahanagara Palike

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

190108

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earth work excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil not exceeding 1.50m in depth in hard soil etc complete as per specification. BF Premeasurement Recorded in this MB vide page No: 190171 ie 267.54 m^3						
a)	Qtty up to 125%	125.00 M^3	@ Rate	R_s	400.00/m^3	R_s	50,000=00
b)	Qtty Above 125%	142.54 M^3	@ Rate	R_s	398.14/m^3	R_s	56,738=00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Providing and laying in position plain cement-concrete of mix 1:3:6 with OPC cement @ 220 kgs with 20mm & d/s graded granite metal machine mixed concrete laid in layers not exceeding 15Cms thick well consolidated etc complete.						
	BF Premeasurement Recorded in this MB vide page NO: 190171						
	ie $35.40m^3$						
	a) Qtty upto 125% $18.75m^3$ @ Rate Rs 5400/- $/m^3$					Rs	101250=00
	b) Qtty Above 125% $16.65m^3$ @ Rate Rs 5346.80 $/m^3$					Rs	~~89066=54~~ 89058
	3) Filling available excavated earth (excluding rock) inside the foundation up to plinth in layers not exceeding 20Cms in depth consolidating each deposited layer by ramming after watering etc complete as per specification.						
	BF Premeasurement Recorded in this MB						

M.A.R. 57 (Rule 116)

Measurement Book

190109

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	vide page NO: 190171						
	ie $133.76m^3$						
	a) Qtty upto 125% $62.50m^3$ @ Rate Rs 130/-					Rs	8125-00
	b) Qtty Above 125% $71.26m^3$ @ Rate Rs 134.65/-					Rs	9592=35
	4) Providing and constructing granite/trap/basalt size stone masonry in Super structure with cement mortar 1:4 edges of stones chisel dressed in courses not less than 15Cms high bond stones at 2m apart in each courses etc complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Previous work meast Recorded in this MB vide page no: 190 TR						
	i/c 120.62 m³						
	a) Qtty upto 125% 70.00 M³ @ Rate Rs 6000/m³					Rs	4,20,000=00
	b) Qtty Above 125% 50.62 M³ @ Rate Rs 5908.55/m³					Rs	2,99,118=87
							299090 00
5)	Providing and constructing granite/trap/basalt size stone masonry in basement with cement mortar 1:6 edges of stones chisel dressed in courses not less than 15cms high bond stones at 2m apart in each courses etc complete as per Specification						
	From shettihalli sub division Side RHS	1	23.15	0.45	0.40	4.17	
		1	10.30	0.45	0.40	1.85	
		1	13.40	0.45	0.40	2.41	

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 190110

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	8.23	0.45	0.40	1.48	
		1	7.70	0.45	0.40	1.39	
		1	30.00	0.45	0.40	5.40	
	CHC	1	14.50	0.45	0.40	2.61	
		1	30.00	0.45	0.40	5.40	
		1	22.30	0.45	0.40	5.40	
		1	23.10	0.45	0.40	4.01	
		1	23.63	0.45	0.40	4.16	
	RHS	1	29.70	0.45	0.40	5.35	
	Near Ravindra Nagar					42.48 m³	229392
	Qtty upto 125% 42.48 m³ @ Rate Rs 5400/-					A	2,29,401=
							229392

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	6) Providing and laying in position plain cement concrete of mix M-20 with opc cement @ 300 kgs with 20mm and d/s graded granite metal machine mixed concrete laid in layers not exceeding 15cms thick well compacted etc complete						
	From shettihalli (Sub division side)						
	LHS	1	23.15	0.45	0.10	1.04	
		1	10.30	0.45	0.10	0.46	
		1	13.40	0.45	0.10	0.60	
		1	5.23	0.45	0.10	0.37	
		1	7.70	0.45	0.10	0.35	
		1	30.00	0.45	0.10	1.35	
		1	14.50	0.45	0.10	0.65	
		1	30.00	0.45	0.10	1.35	
		1	22.30	0.45	0.10	1.00	

M.A.R. 57 (Rule 116)

Measurement Book

190111

No. C/09

Serial No.....

Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		1	23.10	0.45	0.10	1.04	
		1	23.63	0.45	0.10	1.06	
	RHS	1	29.70	0.45	0.10	1.34	
	For MS pole Basement	112	0.30	0.45	0.40	6.05	
						16.67 m	
	Qtty 24 125%	16.67 m³ @ Rate Rs 5900/-				Rs 98343=	
	7) Supplying and fixing MS Rectangular poles made out of 2 equal angles of 65x65x 6mm welded together and fixed in CC 1:2:4 25mm dia MS hold fast rod each of length 25cms inclug						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cost of all materials cutting bending Scaffolding wherever necessary etc complete as per specifica-						
		112	3.00	—	—	336.00 mtr	
	a) Qtty upto 125%	255.00 mtr @ Rate A		850/m		Rs	2,16,750-00
	b) Qtty Above 125%	81.00 Mtr @ Rate B		868.10%		Rs	70,320-96
8)	Providing and fixing MS black pipe of 350mm dia of heavy guage of 14 including removing the bends, cutting the shape etc complete as per specification.						
		3	23.15	—	—	69.45	
		3	10.30	—	—	30.90	
		3	13.40	—	—	40.20	
		3	8.23	—	—	24.69	
		3	7.70	—	—	23.10	
		3	30.00	—	—	80.00	
		3	14.50	—	—	43.50	

CWA MJ

M.A.R. 57 (Rule 116)

Measurement Book

190112

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		3	30.00	—	—	90.00	
		3	22.30	—	—	66.90	
		3	23.10	—	—	69.30	
		3	23.63	—	—	70.89	
		3	29.70	—	—	89.10	
						708.03 mtr	
	Qtty upto 125% —	708.03 Mtr @ Rate A		320/mtr		Rs	2,26,569-60
9)	Providing chain link fencing 50mm size of 8 guage properly stretched between existing						

CWA MJ

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	rectangular poles and fixed with suitable bolts and nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials labour etc complete as per specification.						
	From Sheth halli Sub division side						
	RHS	1	23.15	–	1.80	41.67	
		1	10.30	–	1.80	18.54	
		1	13.40	–	1.80	24.12	
		1	8.23	–	1.80	14.81	
		1	7.70	–	1.80	13.86	
		1	30.00	–	1.80	54.00	
		1	14.50	–	1.80	26.10	
		1	30.00	–	1.80	54.00	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09

190113

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.30	–	1.80	40.14	
		1	23.10	–	1.80	41.58	
		1	23.63	–	1.80	42.53	
		1	29.70	–	1.80	53.56	
						424.82 Mtr	
	Extra up to 125% 424.82 Mtr @ Rate Rs. 700.00/- Rs. 297372=6						
10)	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after brooming thoroughly cleaning oil, grease dirt and other foreign matter and						

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Scoured with wire brushes fine steel wool, Sand papers including cost of materials labour complete as per specification.						
	From sheath hall Sub division side }						
	RHS	2	23.18	—	1.80	83.34	
		2	10.30	—	1.80	37.08	
		2	13.40	—	1.80	48.24	
		2	8.23	—	1.80	29.63	
		2	7.70	—	1.80	27.72	
		2	30.00	—	1.80	108.00	
		2	14.50	—	1.80	52.20	
		2	30.00	—	1.80	108.00	
		2	23.30	—	1.80	90.38	
		2	23.10	—	1.80	83.16	

M.A.R. 57 (Rule 116)

190114

Measurement Book No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	23.63	—	1.80	85.07	
	Near Elevation LHS Niagara	2	29.30	—	1.80	105.82	
						549.64 M²	
	Rate 240 to 1250	549.64 M² @ Rate Rs 350/-				Rs	254589.08
11)	Providing and applying Enamel paint in two coats (excluding painting cost) over steel or other metal surface by using to give even shade after cleaning oil, grease, dust each other known another including cost of material labour complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BF Qtty as item NO (10)						
	ie 849.64 m² @ Rate Rs 85.00/m²					Rs	72,219=06
						Total Rs	22,70,358=56
							22,70,311-

Certificate.

1. Certify that the contractor completed the work satisfactorily
2. Certify that there is no deposit material issued to contractor
3. Certify that the contractor cleared all debris @ work spot.

21/12/18

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bangaluru Mahanagara Palike

AE
21.12.2018

M.A.R. 57 (Rule 116)

Measurement Book

190115

No. C/09

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						GRoss -	2270311 -
						IT -	22703 -
						LWC -	22703 -
						CBF -	2270 -
						CGST -	80271 -
						SGST -	80271 -
						Fine	3105 -
						Ry -	19735 -
						20/7-18 Audit Ry	4100.-
						Ded	115158
						Net	2155158/-

Audited and admitted for Rs. 22,70,311/-

Passed for Rs. 21,55,153/-

by ac... (Twenty One lakh fifty five Thousand One hundred fifty Three only) 1,15,158/-

Exe. Engineer

B.B.M.P Dasarahalli Division

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